

SUMMARY OF THE CLAIMS

Claim 1 (canceled).

Claim 2 (currently amended). A disk cartridge comprising:
an optical disk for recording/reproducing information, and
a cartridge case rotatably accommodating the optical disk, wherein the
cartridge case includes a front portion, a rear portion, and two side portions,
wherein each of the two side portions is disposed substantially parallel to a
direction of insertion of the disk cartridge into a disk driving device and said front
portion is provided with a notched area,
wherein the notched area allows an arm mounted on the disk driving device to
approach the optical disk from said notched area and to move within the notched area
substantially perpendicular to the direction of insertion when the disk cartridge is
inserted in the disk driving device for recording/reproducing information through a
head supported by the arm~~A disk cartridge according to claim 1,~~
wherein the optical disk has a center hub at the center thereof, and the
cartridge case has a counterbore formed in a recess form on an inside wall on a side
opposite to a side where a drive shaft for rotating the optical disk is inserted, the
counterbore facing the center hub.

Claims 3-7 (canceled).

Claim 8 (currently amended). A disk cartridge comprising:
an optical disk for recording/reproducing information, and
a cartridge case rotatably accommodating the optical disk, wherein the
cartridge case includes an upper case and a lower case having an upper opening and a
lower opening, respectively, for allowing the head for recording/reproducing
information to face the optical disk and a shutter for opening and closing the upper
and lower openings, the lower case is cut to form the lower opening from a bottom face
to a side face, and the shutter shields the upper opening along a plane defined by an

upper face of the upper case and shields the lower opening along two planes defined by the bottom face and the side face of the lower case.

~~A disk cartridge according to claim 7, wherein the shutter includes an upper shutter portion and a lower shutter portion for shielding the upper and lower openings, a perpendicular portion jointing the upper and lower shutter portions, a pawl for preventing the shutter from coming off and a guide portion extending from the perpendicular portion for slidably guiding the shutter, and the upper case is sandwiched between the guide portion and the upper shutter portion.~~

Claim 9 (currently amended). A disk cartridge according to claim 87, wherein the upper case has a guide groove for slidably guiding the shutter.

Claim 10 (original). A disk cartridge according to claim 9, wherein the shutter is provided with a pawl and the cartridge case is provided with a guide groove, for allowing sliding movements and preventing the shutter from coming off at the time of opening and closing the shutter, in an upper case side of an elongated space formed between the upper and lower cases.

Claim 11 (original). A disk cartridge according to claim 10, wherein the lower case is positioned on a side of a recording face of the optical disk, and the shutter includes an upper shutter portion and a lower shutter portion for shielding the upper and lower openings of the upper and lower cases, respectively, and a guide portion for guiding the movement of the shutter, so that the upper case is sandwiched between the upper shutter portion and the guide portion.

Claim 12 (original). A disk cartridge according to claim 11, wherein the shutter includes a pawl for preventing the shutter from coming off and the position of the shutter is restricted in a direction perpendicular to a moving direction of the shutter by the pawl and a perpendicular portion jointing the upper shutter portion and the lower shutter portion.

Claim 13-17 (canceled).